

APPARATUS AND METHOD FOR REDUCING SUBCUTANEOUS FAT
DEPOSITS, VIRTUAL FACE LIFT AND BODY SCULPTURING BY
ELECTROPORATION

REFERENCE TO CO-PENDING APPLICATIONS.

This application claims the benefit of U.S.

5 *provisional Application* [Field of invention]

SN. 60/1267106 Filed 2/8/01 The present invention relates generally to electroporation of tissues and,

specifically, to apparatus and methods for reducing subcutaneous fat deposits, performing virtual face lifts, and body sculpturing.

10 **Background of the invention**

"Cosmetic surgery" is a phrase used to describe broadly surgical changes made to a human body with the usual, though not always, justification of enhancing appearance.

This area of medical practice constitutes an ever-growing industry around the world.

Obviously, where such a procedure fails to deliver an enhanced appearance, the procedure fails to meet the desired goal. One of the reasons that the majority of current procedures fail to deliver upon their promise is that, for the most part, current procedures are invasive, requiring incisions and suturing, and can have serious and unpleasant side effects, including but not limited to scarring, infection, and loss of sensation.

One of the more common forms of cosmetic surgery is the "face-lift." A face-lift is intended to enhance facial appearance by removing excess facial skin and tightening the remaining skin, thus removing wrinkles. A face-lift is traditionally performed by cutting and removing portions of the skin and underlying tissues on the face and neck. Two incisions are made around the ears and the skin on the face and neck is separated